



GOVERNMENT OF WEST BENGAL
SISTER NIBEDITA GOVERNMENT GENERAL DEGREE COLLEGE FOR GIRLS
HASTINGS HOUSE, 20B, JUDGES COURT ROAD, ALIPORE, KOLKATA-700027
Phone No: +91 (033) 2479 7100 : E-mail: contact@snggdgc.ac.in: www.snggdgc.ac.in
Department of Physics

Memo /Ref No. SNGGDGC/Tend/01/Phys/19-20

Date:28/11/2019

Sealed quotations are invited for the following items for the Department of Physics: Mention Make, Specification details and quote for complete set of each experiment.
(Quoted price should include G.S.T)

Sl. No.	Items (Equipment for Experiment/ Apparatus)
1	Planck constant using LED
2	Ionization potential of mercury
3	e/m using bar magnet
4	Study photoelectric effect
5	Wavelength of H-alpha emission line of hydrogen atom
6	Tunnelling effect in tunnel diode using I-V characteristics
7	Wavelength and angular speed of He/Ne Laser and solid state laser using plane diffraction grating
8	Design a CE transistor amplifier of a given gain using voltage-divider bias
9	Static characteristics of BJT in CE configuration
10	Frequency response of the BJT amplifier in CE mode
11	Static characteristics of FET
12	Design a Wien bridge oscillator for given frequency using OPAMP
13	PE characteristics of Ferroelectric crystal
14	BH hysteresis of ferromagnetic material
15	Measurement of susceptibility of paramagnetic solution by Quink tube method
16	Measurement of magnetic susceptibility of solids
17	Determination of Variation of Dielectric constant with frequency
18	Measurement of Hall voltage by four probe method
19	To study temperature coefficient of a semiconductor (NTC thermistor) and construction of temperature controller with comparator and relay switch
20	To study mutual inductance between two coils.
21	Construction of a series regulated power supply from an unregulated power supply.
22	To determine dielectric constant of different materials (solid and liquid) using fixed frequency alternating source
23	Measurement of variation of resistivity in a semiconductor and investigation of intrinsic band gap using linear four probe.

Last Date of submission: 09/12/2019(3:00 PM)

Date of opening quotations: 11/12/2019 (2pm)

HoD

Head
Department of Physics
Sister Nibedita Govt. General Deg.
College for Girls, Kolkata

Officer-in-Charge

SNGGDGC

OFFICER-IN-CHARGE
Sister Nibedita Govt. General
Degree College for Girls